CSI: DIVISION: 22 00 00—PLUMBING
              Section: 22 40 00—Plumbing Fixtures (Shower System Kit)

Product certification system:

> The ICC-ES product certification system includes testing samples taken from the market or supplier's stock, or a combination of both, to verify compliance with applicable codes and standards. The system also involves factory inspections, and assessment and surveillance of the supplier's quality system.

Product: GoBoard® Shower System and Tile Backer Board Underlayment

Listee: Johns Manville
              717 17th Street
              Denver, Colorado 80202
              www.jm.com

Compliance with the following codes:

> 2024, 2021, 2018, 2015, 2012 and 2009 *International Plumbing Code®* (IPC)
> 2024, 2021, 2018, 2015, 2012 and 2009 *International Residential Code®* (IRC)
> 2024, 2021, 2018, 2015, 2012 and 2009 *International Building Code®* (IBC)
> 2024, 2021, 2018, 2015, 2012 and 2009 *Uniform Plumbing Code®* (UPC)*
> 2022 and 017 *Uniform Illustrated Plumbing Code – India™* (UIPC-I)*
> 2023, 2020 and 2017 *Florida Building Code – Plumbing (7th Ed.)*
> 2020, 2015, 2010 and 2005 *National Plumbing Code of Canada***
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> *Uniform Plumbing Code is a copyrighted publication if the International Association of Plumbing and Mechanical Officials*
> ** *National Plumbing Code of Canada is a copyrighted publication of National Research Council Canada*

Compliance with the following standard:

> TCNA/ANSI A118.10-2014(R19), Load Bearing, Bonded, Waterproof Membranes for Thin-Set Ceramic Tile and Dimension Stone Installations
> ICC-ES EG 159, Evaluation Guideline for Composite Backer Board (Approved Dec 2004)
> IAPMO PS 106-2015e1, Tileable Shower Receptors and Shower Kits
> ASME A112.18.2/CSA B125.2-2020, Plumbing Waste Fittings

Identification:

> Packaging label for each system shall include the manufacturer's name or trademark as well as the ICC-ES PMG certification mark.

Installation:

GoBoard® Shower System and Tile Backer Board Underlayment shall be installed in accordance with the manufacturer's published instructions and the applicable code(s).

When provided drains must comply with ASME A112.18.2/CSA B125.2 as applicable.

The GoBoard® and GoBoard® Wedge panels are cut to size with a basic utility knife and installed on a level subfloor with dry set or polymer modified thin-set mortars compliant with ANSI A118.1 and A118.4, respectively. For curbed shower installations, adhere GoBoard® Curb to subfloor with sealant and secure in place with screws as needed. For a waterproof tileable shower pan compliant with ANSI A118.10 and IAPMO PS-106, seal all joints with sealant following the GoBoard® Point Drain manufacturer's installation instructions. The GoBoard® Point Drain cover riser is to be supported by thin-set mortar and the height can be adjusted while tiling to better match the final tile elevation around drain cover. Since the GoBoard® Point Drain body uses a friction fit to secure the drain cover riser, code approved alternative risers and drain covers can be used in place of the provided drain cover and riser.

Models:

GoBoard® Shower System consists of the any of the following components, GoBoard®, GoBoard® Pro and GoBoard® LT Tile Backer Boards, GoBoard® Wedge, GoBoard® Curb, GoBoard® Point Drain, GoBoard® Drain Grate DAKAR Designer Series, GoBoard® FX Drain Grates and GoBoard® Point Drain Tile-in Riser and can be installed in residential and light commercial tile applications and can be cut right where it's installed with a basic utility knife. The GoBoard® products are waterproof and only require waterproofing at the joints and fastener penetrations. The outer surface of all GoBoard® products is compatible with both dry set and polymer modified thin-set mortars compliant with ANSI A118.1 and A118.4, respectively. The GoBoard® products are also compatible with most sealants and liquid waterproofing membranes enabling several methods for waterproofing joints and fastener penetrations, see a list of Johns Manville's recommended products at www.jm.com/goboard. The GoBoard® Tile Backer Board, GoBoard® Wedge, and GoBoard® Curb are constructed from high compressive strength closed cell foam resulting in a water vapor permeance value of less than 1 perms, capability to hold 24" of hydrostatic pressure for at least 48 hours, ability to achieve greater than 50 psi shear bond strengths and a light commercial floor rating with standard setting materials.

GoBoard® is available in 3'x5' and 4'x8' boards in 6 thicknesses:
 • 1/4" for floors and countertops
 • 1/2" for walls, showers, ceilings and floors
 • 5/8" for walls, showers, ceilings and floors (4'x8' only)
 • 1", 1.5" and 2" for walls, benches, shelves, tub surrounds, vanities and countertops (4'x8' only)

GoBoard® LT is available in 3'x5' and 4'x8' boards in 2 thicknesses:
 • 1/4" for floors and countertops
 • 1/2" for walls, showers, and ceilings

GoBoard® Wedge is available in 4'x4' and 4'x8' boards in 1 thickness:
 • 1/8" x 1 1/8" for shower pans with ¼" per foot slope

GoBoard® Curb is available in 2.5" x 3.5" x 48" and 60" sizes

GoBoard® Point Drain Tile-in Riser is available in 4" x 4"

GoBoard® Point Drain includes a pre-assembled drain with integrated membrane, drain cover assembly, mixing valve seal, pipe collar and clamping collar screws which are required to field fabricate a tileable shower receptor of varying sizes using GoBoard® Wedge panels.

GoBoard® Drain Grate DAKAR Designer Series

GoBoard® FX Drain Grates

GoBoard® Pro backer board is a 1/4-inch (6.4 mm) and 1/2-inch (12.7 mm) thick composite backer board which was tested to ASTM E96 Procedure E and was found to have a perm rating of 0.3 perms which meets the permeance rating requirement of 0.5 perm or less and can be used in continuous use steam shower/room applications without additional vapor retarders in accordance with Tile Council of North America (TCNA) 2014 Handbook for Ceramic Glass and Stone Tile Installation (SR613-14 and SR614-14). Additional information can be reviewed under ICC ESR-4812.

GoBoard Membrane and accessories which was tested to ASTM E96 Procedure E and was found to have a perm rating of 0.2 perms which meets the permeance rating requirement of 0.5 perm or less and can be used in continuous use steam shower/room applications without additional vapor retarders in accordance with Tile Council of North America (TCNA) 2014 Handbook for Ceramic Glass and Stone Tile Installation (SR613-14 and SR614-14):
• GoBoard Membrane
• GoBoard Banding
• GoBoard Corner
• GoBoard Curb Cover
• GoBoard Pipe Collar
• GoBoard Mixing Valve Seal

Conditions of Listing:

1. All GoBoard® products shall be installed in accordance with the manufacturer's published instructions and the applicable code(s).
2. The GoBoard® products are manufactured by Johns Manville under a quality control program with annual surveillance inspections by ICC-ES.